Organ Biodistribution of Radiolabelled $\delta$ T Cells Following Liposomal Alendronate Administration in Different Mice Tumour Models


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Figure S1: *In vivo* Biodistribution of radiolabelled $^{[111}\text{In}]L$-ALD in A375Pβ6 tumours, after single dose administration *via* tail vein injection in NSG mice. NSG mice were inoculated with the A375Pβ6 cell line to form subcutaneous (SC), intraperitoneal (IP) or pseudo-metastatic lung tumours. Mice were i.v. injected with $^{[111}\text{In}]L$-ALD at a dose of 2 μmol lipid/mouse. After 24 h the mice were sacrificed and the amount of liposomes was quantified by gamma counting. (A) Organ biodistribution of $^{[111}\text{In}]L$-ALD expressed as per cent injection dose organ (%ID). (B) SC-tumour and IP-tumours uptake of $^{[111}\text{In}]L$-ALD expressed as %ID. (C) Tumour-bearing lung and healthy lung uptake of $^{[111}\text{In}]L$-ALD expressed as %ID. Data was expressed as mean ± SD (n=4)
Figure S2: In vivo biodistribution of radiolabelled γδ T cells in A375Pβ6 tumour bearing NSG mice, after single dose administration via tail vein injection. NSG mice were inoculated with luciferase-expressing A375Pβ6 cell line to form (A) subcutaneous (SC), (B) intraperitoneal (IP) or (C) pseudo-metastatic lung tumours. Mice were i.v. injected with [111In]γδ T cells at a dose of 5 x 10^6 γδ T cells/mouse. Mice were pre-treated with 0.5 μmol ALD or L-ALD, 24 h prior to injection of γδ T cells. After 24 h the mice were sacrificed and the amount of γδ T cells was quantified by gamma counting. Results are expressed as percentage injection dose (%ID) per organ. Data was expressed as mean ± SD (n=4).